

CLOTHING I

Levels: 9-12

Units of Credit: .5

CIP Code: 20.0113

Prerequisite: Clothing I must precede Clothing II

COURSE DESCRIPTION

CLOTHING I—(.5 credit) This course introduces students to basic sewing and pressing equipment, textiles, introductory level project construction techniques, and techniques for constructing edge finishes. Student leadership (FCCLA) may be an integral part of this course. (Standards 1-6 will be covered on Skill Certification Test # 350.)

CORE STANDARDS, OBJECTIVES, AND INDICATORS

STANDARD

CL1 1.1 Basic sewing equipment.

OBJECTIVES

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| CL1 | 1.1 | Identify sewing machine parts and their function, safety, and maintenance.
National Standard 16.4.1 |
| | 1.1.1 | Identify the needle stitch plate, feed dogs/system, presser foot, bobbin case, spool pin, upper thread tension, presser foot lever/lifter, thread take-up lever, foot pedal, handwheel, stitch length control, and stitch width control |
| | 1.1.2 | Demonstrate how to properly thread the sewing machine, replace a needle and how to turn the hand wheel when sewing |
| | 1.1.3 | Identify sewing safety precautions and procedures |
| | 1.1.4 | Clean, oil, and care for the machine according to machine manual |
| CL1 | 1.2 | Introduce the serger and its function.
National Standard 16.4.1 |
| | 1.2.1 | Discuss the advantages of the serger. |
| | 1.2.2 | Practice operating the serger. |
| | 1.2.3 | Discuss safety and maintenance of a serger. |
| CL1 | 1.3 | Resolve sewing malfunctions. |
| | 1.3.1 | Explain how to remedy skipped stitches, lint removal, noisy sewing machine, puckered seams, snagged fabric, tension, breaking of needle, etc. |
| | 1.3.2 | Complete basic problems encountered when sewing: thread jam, broken needle, incorrect stitch formation, etc. |
| CL1 | 1.4 | Identify sewing equipment, function, and safety procedures.
National Standard 16.4.1 |
| | 1.4.1 | Identify a seam ripper, dressmaker pins, shear/scissors, pinking shears, rotary cutter and mat, seam gauge, tape measure, and transparent rulers |
| | 1.4.2 | List sewing equipment safety precautions, procedures, and maintenance |

STANDARD

CL 2.0 Basic pressing equipment.

OBJECTIVES

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| CL | 2.1 | Identify parts and functions of irons.
National Standard 16.4.3 |
| | 2.1.1 | Identify temperature settings |
| | 2.1.2 | Explain safety procedures |
| | 2.1.3 | Explain the maintenance of an iron |

- CL 2.2 Identify basic pressing equipment, functions, safety procedures and maintenance.
National Standard 16.4.
- 2.2.1 Identify pressing cloth, seam roll, tailor's ham, sleeve board
- 2.2.2 Complete pressing/ironing techniques
- 2.2.3 Demonstrate the use of fusables

STANDARD

CL1 3.0 Characteristics and care of specific textiles.

OBJECTIVES

- CL 1 3.1 Identify basic fibers, the characteristics, use and care of each textile.
National Standards 16.2.1, 16.2.2, 16.2.5
- 3.1.2 Identify natural fibers: cotton, linen, silk, wool
- 3.1.3 Identify synthetic fibers: nylon, polyester, acrylic, rayon, spandex, acetate
- 3.1.4 Identify blended yarns/threads
- 3.1.5 Practice stain removal techniques
- CL1 3.2 Discuss how fabric construction affects selection of fabric.
National Standard 16.4.2
- 3.2.1 Identify the terminology of woven fabrics: lengthwise, crosswise, bias, selvage, and torn edge.
- 3.2.2 Identify the characteristics of knit fabric
- 3.2.3 Identify the characteristics of non-woven/felting

STANDARD

CL1 4.0 Pattern envelope and guidesheet for pre-construction skills at the introductory level.

OBJECTIVES

- CL1 4.1 Identify the information found on and in the pattern envelope.
- 4.1.1 Identify important information on the pattern envelope: appropriate size, fabric type, notions, and yardage
- 4.1.2 Identify important information found on the guide sheet: select pattern pieces, layout, and construction steps
- CL1 4.2 Complete pattern preparation
- 4.2.1 Identify pattern tissue terminology/symbols: grainline, arrows, notches, small dots, square, triangles, buttons and buttonholes, cutting line, stitching line, fold line, **and bias**.
- 4.2.2 Complete necessary pattern adjustments: length or width
- CL1 4.3 Correctly layout the pattern pieces on the fabric.
- 4.3.1 Preshrink fabric
- 4.3.2 Press and straighten grain, if necessary
- 4.3.3 Check for one-way and/or nap layout
- 4.3.4 Identify correct layout
- 4.3.5 Check grainline
- 4.3.6 Double check all pieces before cutting
- CL1 4.4 Correctly pin and cut out the fabric pieces
- 4.4.1 Use correct spacing and positioning of pins
- 4.4.2 Select and use appropriate cutting tool(s)
- 4.4.3 Cut notches away from the seam allowance
- 4.4.4 Keep the fabric as flat as possible when cutting pattern pieces out
- CL1 4.5 Correctly mark the necessary pattern markings on the fabric pieces.

- 4.5.1 Identify methods of marking
- 4.5.2 Select and use the best type of marking for that fabric

STANDARD

CL1 5.0 Construction techniques at the introductory level.

OBJECTIVES

- CL1 5.1 Identify and practice basic construction techniques: basting, back stitching, pivoting, clean finish, clipping, notching, edge stitching, facing, fold line, grading/layering, interfacing, one-way directional patterns/prints, reinforce stitching, seam allowance, seam finishes, selvage, stay stitching, stitching line, stitch in the ditch, top stitching
National Standard 16.4.5
- CL1 5.2 Examine and select correct thread for the project.
National Standard 16.4.5
- 5.2.1 Standard thread is all purpose/cotton wrapped polyester
 - 5.2.2 Specialty threads: quilting, heavy duty, embroidery, metallic, etc.
 - 5.2.3 Serger thread is lighter weight than standard sewing machine threads
 - 5.2.4 Quality thread prevents stitching problems
- CL1 5.3 Compare and select correct needles.
National Standard 16.4.5
- 5.3.1 Identify needle types: universal, sharp and ball point
 - 5.3.2 Needle sizes: the bigger the number the bigger the needle
 - 5.3.3 Lengthwise groove on the needle carries the thread
 - 5.3.4 Insert needle according to machine manual.
- CL1 5.4 Identify and construct standard seam widths and markings.
National Standard 16.4.5
- 5.4.1 Standard seam width for commercial patterns is 5/8 inch
 - 5.4.2 Always check guidesheet/instructions for correct seam width
 - 5.4.3 Identify 1/4, 3/8, 1/2, 5/8, and 3/4 inch width markings on the needle plate
- CL1 5.5 Press garment correctly.
National Standard 16.4.5
- 5.5.1 Identify direction seam allowance should be pressed
 - 5.5.2 Pressing is an up and down motion; ironing is a sliding motion
 - 5.5.3 Press as you sew
 - 5.5.4 Use correct temperature for fabric
 - 5.5.5 Use steam/moisture if appropriate
 - 5.5.6 Use pressing cloth to prevent scorching and/or shine marks

STANDARD

CL1 6.0 Basic construction techniques.

OBJECTIVES

- CL1 6.1 Complete appropriate seam and edge finishes.
National Standard 16.4.5
- 6.1.1 A seam finish is applied to the raw fabric edges, used to prevent raveling/fraying
 - 6.1.2 Identify terms: zigzagged, serged open, serged closed, clean finished, stitch and pink
- CL1 6.2 Construct a casing.
National Standard 16.4.5

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| CL1 | 6.3 | Construct the correct application techniques for a pocket.
National Standard 16.4.5 |
| CL1 | 6.4 | Construct a buttonhole.
National Standard 16.4.5 |
| CL1 | 6.5 | Secure a button by hand or machine.
National Standard 16.4.5 |
| CL1 | 6.6 | Make a correct double-fold hem.
National Standard 16.4.5 |
| CL1 | 6.7 | Use commercially prepared directions/guidesheets throughout project construction. |
| CL1 | 6.8 | Complete one or more of the following hand stitches: blind stitch, hemstitch, slipstitch, whipstitch, or ladder stitch. |